



Surge Arrester

2-Electrode-Arrester

Series/Type:	V13-A500XN
Ordering code:	B88069X6940C251
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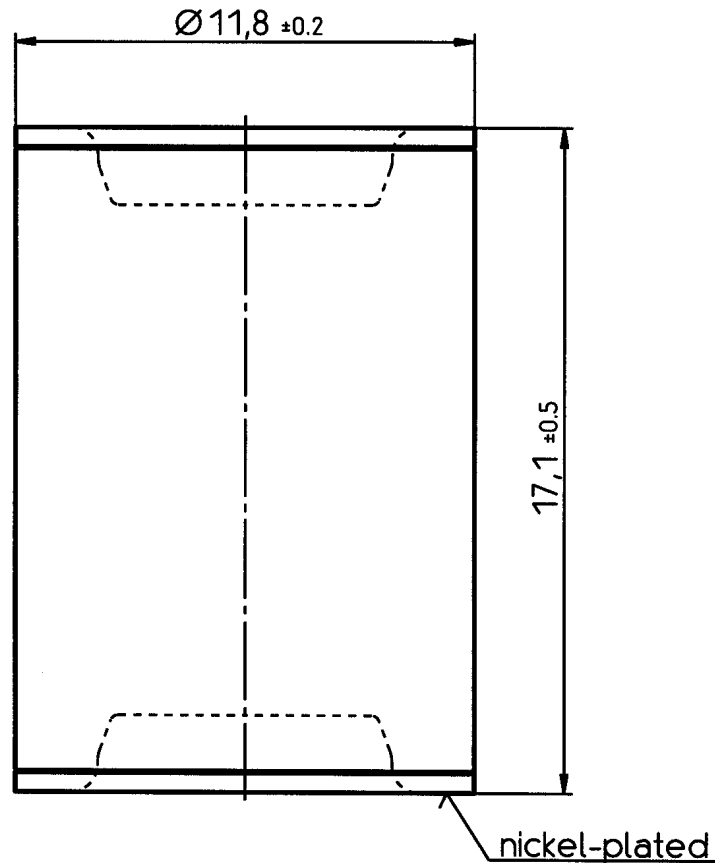
Release 2018-10

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DC spark-over voltage ^{1) 2)}	500 ... 850	V
Impulse spark-over voltage at 5 kV/μs - for 99 % of measured values (wave 1.2/50 μs; 6 kV)	< 1300	V
Insulation resistance at 100 V _{dc}	> 1	GΩ
Capacitance at 1 MHz ²⁾	< 2.5	pF
Impulse discharge current		
15 operations 8/20 μs	40	kA
+ 1 operation 8/20 μs	6	kA
+ 1 operation 8/20 μs	15	kA
+ 1 operation 8/20 μs	30	kA
+ 1 operation 8/20 μs	45	kA
+ 1 operation 8/20 μs	60	kA
1 operation 10/350 μs	1.2	kA
+ 1 operation 10/350 μs	3	kA
+ 1 operation 10/350 μs	6	kA
+ 1 operation 10/350 μs	12	kA
Nominal alternating discharge current (50 Hz, 0.2 s)	300	A
Max. follow-on current at 250 V _{RMS} ; 20 times	140	A _{peak}
Values after loading Impulse spark-over voltage at 5 kV/μs - for 99 % of measured values (wave 1.2/50 μs; 6 kV)	< 1500	V
Weight	~ 6.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, black	EPCOS 500 YY ONW 500 - Nominal voltage YY - Year of production O - Non radioactive N - Coaxial electrodes W - WCu-pin	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

²⁾ In ionized mode



Not to scale

Dimensions in mm

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